

SUBJECT AND AUTHOR INDEX

Acantharthroptera Moore.....	249
Acantharthropterum acutum Moore.....	249
cornu Moore.....	250
Acanthostegae Moore.....	239
Acronotellidae Swartz.....	260
Ades, C. S., George Washington bridge.....	161
Aechminidae ? Swartz.....	263
Aglaopolygona Moore.....	233
Alidade, Beaman stadia arc.....	37, 44, 46, 47, 49
bull's eye level.....	13, 58
care and adjustment.....	55
collimation.....	6, 7, 57
compass and bull's-eye level.....	13
cross-hair ring.....	5
curvature and refraction in determining elevation.....	54
description.....	3, 33
determining difference in elevation.....	39
direct rod readings.....	39
fiducial edge.....	59
fiducial edge and parallel rule.....	12
magnetic orientation.....	19
measurement of distance.....	24
micrometer alidade.....	31
orientation.....	13
parallax.....	6, 57
stadia constant.....	58
stadia method of measuring distance.....	25, 35, 37
stadia tables.....	37, 47
Stebinger gradiometer drum.....	50
Stebinger system of measuring distance.....	29
step method of determining elevation.....	41
striding level.....	9, 57
telescope.....	4
telescope axis.....	59
Telescopic alidade and plane table as used in topographic and geologic surveys.....	1
vernier-control bubble.....	58
vernier-control level bubble.....	10
vertical arc determinations.....	43
vertical movement and arc.....	8, 11

<i>Amphissites bicarinatus</i> Croneis and Thurman, n. sp.....	311
<i>biforatus</i> Croneis and Thurman, n. sp.....	312, 330
<i>crentronotus</i> ? (Ulrich and Bassler).....	270, 296
<i>fossilis</i> Croneis and Thurman, n. sp.....	312
<i>Girty</i>	269, 311, 346
<i>golcondensis</i> Croneis and Gale, n. sp.....	269, 296
<i>insignis</i> Croneis and Thurman, n. sp.....	314, 330
? <i>obesus</i> Croneis and Gale, n. sp.....	270, 296
<i>rothi</i> Croneis and Funkhouser, n. sp.....	346, 360
<i>similis</i> Croneis and Gale, n. sp.....	269, 296
<i>sublineatus</i> Croneis and Thurman, n. sp.....	315, 330
<i>superus</i> Croneis and Gale, n. sp.....	272, 296
<i>trilobus</i> Croneis and Gale, n. sp.....	271, 296
<i>Anobases</i> Moore.....	201
<i>Anocyclotypi</i> Moore.....	201
<i>Anopentagonotypi</i> Moore.....	207
<i>Aulosomphostega incisa</i> Moore.....	238, 250
<i>Aulosomphostegae</i> Moore.....	238
<i>Bairdia cooperi</i> Croneis and Gale, n. sp.....	287, 296
? <i>deloi</i> Croneis and Gale, n. sp.....	288, 296
<i>galei</i> Croneis and Thurman, n. sp.....	325, 330
<i>golcondensis</i> Croneis and Gale, n. sp.....	286, 296
<i>McCoy</i>	286, 325
<i>Bairdiidae</i> Lienenklaus.....	286, 325, 356
<i>Bairdiolites breviostris</i> Croneis and Thurman, n. sp.....	326, 330
<i>crescentis</i> Croneis and Gale, n. sp.....	288, 296
<i>Croneis</i> and Gale.....	326, 356
<i>Croneis</i> and Gale, n. gen.....	288
<i>elongatus</i> Croneis and Funkhouser, n. sp.....	356, 360
<i>ovatus</i> Croneis and Funkhouser, n. sp.....	357, 360
<i>platypleuris</i> Croneis and Gale, n. sp.....	289, 296
<i>Balantoides</i> Morey.....	316, 348
<i>moreyi</i> Croneis and Funkhouser, n. sp.....	348, 360
<i>reticulatus</i> Croneis and Thurman, n. sp.....	316, 330
<i>Beyrichia</i> McCoy.....	264
<i>placida</i> Croneis and Gale, n. sp.....	264, 296
<i>Beyrichiidae</i> Jones.....	264
Brauning, John, Everhart, W. A., and Hamlin, Horace, Measuring molecules..	161
Brode, Wallace R., Eclipse at Ak Bulak.....	158
<i>Bunaglaopolygona</i> Moore.....	235
<i>Bunaglaopolygonum tuberculatum</i> Moore.....	235, 250
<i>Bunarthra</i> Moore.....	228
<i>Bunarthrum septatum</i> Moore.....	228, 250
<i>Bythocypris</i> Brady.....	357
<i>clorensis</i> Croneis and Funkhouser, n. sp.....	357, 360
<i>Carboprimitia</i> Croneis and Funkhouser.....	303
<i>Croneis</i> and Funkhouser, n. gen.....	336

Carboprimitia depressa Croneis and Funkhouser, n. sp.	337, 360
rotunda Croneis and Funkhouser, n. sp.	338, 360
rotunda var. tumida Croneis and Funkhouser, n. var.	339, 360
simulans Croneis and Thurman, n. sp.	303, 330
Catobases Moore	212
Catocyclotypi Moore	212
Cavellina Coryell	292, 327, 358
coryelli Croneis and Gale, n. sp.	292, 296
mediocris Croneis and Thurman, n. sp.	327, 330
ovalis Croneis and Funkhouser, n. sp.	358, 360
? perplexa Croneis and Funkhouser, n. sp.	359, 360
Chemistry and modern meat packing industry	61
Clore formation, New ostracodes from Clore formation	331
locality index (Illinois)	359
Coenarthroptera Moore	247
Coenarthropterum corrugatum Moore, new section	247, 250
elegante (Hall), new comb.	247
Crinarthra Moore (Facetals)	214
Crinobases Moore (Apicals)	196
Crinoid ossicles, classification	178
ossicles, classification and designation	171
ossicles, proposed method of designation	175
ossicles, systematic description	183
Crinoids, sketches of Mississippian crinoid ossicles	170
sketches of Silurian crinoids	182
sketches of skeletons	168
Crinoidal remains, Use of fragmentary crinoidal remains in stratigraphic paleontology	165
Crinopolygona Moore (Polygonals)	229
Crinoptera Moore (Pinnates)	242
Crinostegae Moore (Tegminals)	236
Crinostyli Moore (Columnals)	183
Croneis, Carey, and Funkhouser, Harold J., New ostracodes from Clore formation	331
and Gale, Arthur S., Jr., New ostracodes from Golconda formation	251
and Thurman, Franklin A., New ostracodes from Kincaid formation	297
Crustacea	255, 301, 334
Cycloecyclopa acuticarinata Moore	189, 250
Cycloecyclopae Moore	189
Cyclopentagonopa excentrica Moore	191, 250
granulosa Moore	190, 250
Cyclopentagonopae Moore	190
Cyclostyli Moore	189
Cytherella geisi Croneis and Gale, n. sp.	291, 296
Jones	291
Cytherellidae Sars	291, 327, 358

Deloia Croneis and Thurman.....	344
Croneis and Thurman, n. gen.....	307
serrata Croneis and Thurman, n. sp.....	307, 330
sulcata Croneis and Funkhouser, n. sp.....	344, 360
Denison Scientific Association, Report of Permanent Secretary for year 1937-1938.....	157
Dianobases Moore.....	205
Dianobasis lineata (Meek and Worthen).....	205
Diarthroptera Moore.....	245
Discoidella Croneis and Gale, n. gen.....	276
simplex Croneis and Gale, n. sp.....	276, 296
Drepanellidae ? Swartz.....	262
Ellipsellipsopa spicata Moore.....	195, 250
Ellipsellipsopae Moore.....	194
Ellipsostyli Moore.....	194
Engoniarthrum granulose Moore.....	222, 250
lineatum Moore.....	224, 250
Moore.....	222
Everhart, W. A., Brauning, John, and Hamlin, Horace, Measuring molecules..	161
Exobases Moore.....	208
Exocyclotypi Moore.....	208
Exopentagonotypi Moore.....	211
Fats and oils, by-products of meat packing industry.....	72
Fertilizers and feeds, and meat packing industry.....	88
Funkhouser, Harold J., and Croneis, Carey, New ostracodes from Clore formation.....	331
Gale, Arthur S., Jr., and Croneis, Carey, New ostracodes from Golconda formation.....	251
Gelatin, and meat packing industry.....	95
Geologic surveys, Telescopic alidade and plane table as used in topographic and geologic surveys.....	1
Gisacanthostega angusta Moore.....	241, 250
expansa Moore.....	240, 250
Gisacanthostegae Moore.....	239
Glue, and meat packing industry.....	95
Glyptopleura adunca Croneis and Thurman, n. sp.	317, 330
alata Croneis and Funkhouser, n. sp.....	349, 360
alternata Croneis and Funkhouser, n. sp.....	350, 360
complexa Croneis and Funkhouser, n. sp.....	351, 360
compta Croneis and Thurman, n. sp.....	318, 330
conflexacostata Croneis and Gale, n. sp.....	278, 296
? curvata Croneis and Gale, n. sp.....	281, 296
deacostata Croneis and Gale, n. sp.....	277, 296
gibba Croneis and Gale, n. sp.....	280, 296
Girty.....	317, 349

<i>Glyptopleura intermedia</i> Croneis and Gale, n. sp.	279, 296
<i>kellettae</i> Croneis and Thurman, n. sp.	319, 330
<i>pentacostata</i> Croneis and Gale, n. sp.	279, 296
<i>pseudosulcata</i> Croneis and Thurman, n. sp.	320, 330
<i>reniformis</i> Croneis and Thurman, n. sp.	321, 330
<i>similis</i> Croneis and Funkhouser, n. sp.	352, 360
<i>symmetrica</i> Croneis and Funkhouser, n. sp.	353, 360
<i>teretiformis</i> Croneis and Thurman, n. sp.	323, 330
<i>varians</i> , Croneis and Funkhouser, n. sp.	355, 360
<i>varicostata</i> Croneis and Thurman, n. sp.	324, 330
<i>Glyptopleuridae</i> Girty	277, 317, 349
<i>Glyptopleurina</i> ? <i>bulbosa</i> Croneis and Gale, n. sp.	282, 296
Coryell	282
<i>Glyptopleuroides</i> Croneis and Gale, n. sp.	283
<i>insculptus</i> Croneis and Gale, n. sp.	283, 296
Goleonda formation, New ostracodes from Goleonda formation	251
locality index (Illinois)	293
<i>Golcondella</i> Croneis and Gale, n. gen.	262
<i>sulcata</i> Croneis and Gale, n. sp.	262, 296
Goudie, Frederick David, Certain nuclear masses in macaque medulla oblongata, Preliminary report	109
Hamlin, Horace, Everhart, W. A., and Brauning, John, Measuring molecules.	161
<i>Healdia opima</i> Croneis and Gale, n. sp.	290, 296
Roundy	290
<i>triangularis</i> Croneis and Gale, n. sp.	290, 296
<i>Henanobases</i> Moore	206
<i>Hananobasis coffeyvillensis</i> Moore	206, 250
Hides and skins, and meat packing industry	93
<i>Hollinella</i> Coryell	341
sp.	341
<i>Hollinidae</i> Swartz	341
<i>Hoplarthra</i> Moore	220
<i>Hoplarthrum canalis</i> Moore	220, 250
<i>tenue</i> Moore	221, 250
<i>Idiomorpha insignis</i> Croneis and Gale, n. sp.	284, 296
<i>ornata</i> Croneis and Gale, n. sp.	285, 296
<i>Idiomorphia</i> Croneis and Gale, n. sp.	284
<i>Isotrianobases</i> Moore	204
<i>Isotrianobasis urna</i> Moore	204
Johnson head tripod and plane table	15
<i>Jonesina</i> ? <i>dubia</i> Croneis and Gale, n. sp.	265, 296
<i>insculpta</i> Croneis and Funkhouser, n. sp.	342, 360
<i>persulcata</i> Croneis and Gale, n. sp.	265, 296
<i>spinosa</i> Croneis and Funkhouser, n. sp.	343, 360
(?) <i>tumida</i> Croneis and Thurman, n. sp.	305, 330
U and B	265, 305, 342

Kato, Chosaburo, Heart of mathematics.....	160
Kineaid formation, New ostracodes from Kineaid formation.....	297
locality index (Illinois).....	329
King, Horace, Artist talks about color.....	158
Kirkbya aequalis Croneis and Funkhouser, n. sp.....	345, 360
bifrons Croneis and Thurman, n. sp.....	308, 330
intermedia, Croneis and Thurman, n. sp.....	309, 330
Jones.....	267, 308, 345
marginata Croneis and Funkhouser, n. sp.....	346, 360
regularia Croneis and Gale, n. sp.....	268, 296
symmetrica Croneis and Thurman, n. sp.....	310, 330
turrita Croneis and Gale, n. sp.....	267, 296
Kirkbyida U and B.....	267
Kirkbyidae U and B.....	308, 345
Kloedenellidae U and B.....	265, 305, 341
Knightina Kellett.....	273
neglecta Croneis and Gale, n. sp.....	273, 296
nodobliqua Croneis and Gale, n. sp.....	274, 296
pinquoides Croneis and Gale, n. sp.....	273, 296
Knox, George, and Lewis, T. A., Predictability of learning reaction.....	162
Knoxina Coryell and Rogatz.....	266
inflata Croneis and Gale, n. sp.....	266, 296
Lamarella Croneis and Funkhouser, n. gen.....	335
Thurmani Croneis and Funkhouser, n. sp.....	336, 360
Lard, by-product of meat industry.....	78
Leightonella Croneis and Gale, n. gen.....	263
torta Croneis and Gale, n. sp.....	263, 296
Leperditellidae U and B.....	256, 301, 334
Leperditia juvenis Croneis and Gale.....	255, 296
Rouault.....	255
Leperditidae Jones.....	255
Lewis, T. A., and Knox, George, Predictability of learning reaction.....	162
Lindsey, A. W., Trends of society.....	161
Liocrinarthra Moore.....	218
Liopolygona Moore.....	233
Lophaglaopolygona Moore.....	234
Lophaglaopolygonum tenuirugosum Moore.....	234, 250
Lophocrinarthra Moore.....	218
Macaque medulla oblongata, Certain nuclear masses in macaque medulla	
oblongata, preliminary report.....	109
chief sensory nucleus of trigeminal nerve.....	127
dorsal efferent nucleus.....	117
dorsal funicular nuclei.....	131
gray associated with fasciculus solitarius.....	119
hypoglossal complex.....	111
inferior olivary complex.....	138

Macaque medulla oblongata, inferior salivatory nucleus	119
motor nucleus of trigeminal nerve	131
nucleus ambiguus	123
nucleus of descending root of trigeminal nerve	125
nucleus of mesencephalic root of trigeminal nerve	128
reticular gray	135
Macrocrinarthra Moore	225
Macrocrinarthrum corrugatum Moore	225, 250
tuberculatum Moore	227, 250
Mather, Kirtley F., and Washburn, Bradford, Telescopic alidade and plane table as used in topographic and geologic surveys	1
Meat industry, derivatives of fats and oils	72
fertilizers and feeds	88
glue and gelatin	95
hides and skins	93
lard	78
meat preservation and curing	64
method of sampling hams	68
oleomargarine	80
pharmaceuticals	98
soap	82
Meat packing, Chemistry and modern meat packing industry	61
Medulla oblongata, Certain nuclear masses in macaque medulla oblongata, preliminary report	109, 146-154
Micrarthroptera Moore	250
Microcheilinella Geis	293
pergracilis Croneis and Gale, n. sp.	293, 296
Microparaparchites Croneis and Gale, n. sp.	256
spinosus Croneis and Gale	256, 296
Miller, Freeman D., Ambrose Swasey	162
Monoceratina furcula Croneis and Gale, n. sp.	260, 296
Roth	260
Moore, Raymond C., Use of fragmentary crinoidal remains in stratigraphic paleontology	165
Neokloedenella Croneis and Funkhouser, n. gen.	341
prima Croneis and Funkhouser, n. sp.	342, 360
Oils and fats, by-products of meat packing industry	72
Oleomargarine, and meat packing industry	80
Ostracoda Latreille	255, 301, 334
Ostracodes, New ostracodes from Clore formation	331
New ostracodes from Golconda formation	251
New ostracodes from Kincaid formation	297
systematic description of ostracodes from Clore formation	334
systematic descriptions of ostracodes from Golconda formation ..	255
systematic description of ostracodes from Kincaid formation	301

Paleontology, stratigraphic, Use of fragmentary crinoidal remains in stratigraphic paleontology.....	165
Paraparchites inornatus (McCoy).....	256, 296
kinkaidensis Croneis and Thurman, n. sp.....	301, 330
U and B.....	256, 301
Patrick, Minard, Chemistry and modern meat packing industry.....	61
Pentagonocyclopa dispar Moore.....	193, 250
Pentagonocyclopae Moore.....	192
Pentagonostyli Moore.....	192
Pentanobases Moore.....	201
Pentanobasis regularis Moore.....	201
Pentanobathra Moore.....	207
Pentanobathrum rosei (Moore and Plummer), new comb.....	207
Pentecatobases Moore.....	212
Pentecatobasis excavata Moore.....	212
Pentexobases Moore.....	208
Pentexobasis glypta Moore.....	208, 250
plana Moore.....	209, 250
Pentexobathra Moore.....	211
Pentexobathrum magnificum (Miller and Gurley), new comb.....	212
Perprimitia ? bicornis Croneis and Gale, n. sp.....	259, 296
Croneis and Gale.....	304
Croneis and Gale, n. gen.....	257
funkhouserii Croneis and Thurman, n. sp.....	304
robusta Croneis and Gale, n. sp.....	257, 296
spinosa Croneis and Gale, n. sp.....	258, 296
Pharmaceuticals, and meat packing industry.....	98
Plane table, setting up.....	14
Telescopic alidade and plane table as used in topographic and geologic surveys.....	1
Three-Point Problem.....	16, 18
Platylopharthra Moore.....	225
Primitiidae U and B, emend., Swartz.....	257, 303, 336
Primitiopsidae Swartz.....	340
Primitiopsis Jones.....	340
? striatus Croneis and Funkhouser n. sp.....	340, 360
Pseudoparaparchites (?) acilis Croneis and Thurman, n. sp.....	301, 330
Kellett.....	301
Pterocodella Croneis and Gale, n. gen.....	260
mirabilis Croneis and Gale, n. sp.....	260, 296
Rice, Charlotte, Four neighbors.....	160
Sansabella harrisi Croneis and Funkhouser, n. sp.....	334, 360
laevis Croneis and Thurman, n. sp.....	302, 330
Roundy.....	302
Schedaglaopolygona Moore.....	233
Schedaglaopolygonum corrugatum Moore.....	233, 250

Secretary's report, Report of Permanent Secretary of the Denison Scientific Association for year 1937-1938.....	157
Seeing the universe.....	163
Skins and hides, and meat packing industry.....	93
Smith, Leon E., Nuclear physics.....	157
Soap manufacture, and meat packing industry.....	82
Sodium chloride, chief meat curing agent.....	67
Somphostegae Moore.....	238
Sphenarthroptera Moore.....	246
Sphenarthropterum monticulatum (Beede), new comb.....	247
Stenolopharthra Moore.....	219
Stickney, M. E., Growth hormones in plants.....	159
Stratigraphic paleontology, Use of fragmentary crinoidal remains in stratigraphic paleontology.....	165
Sulcella Coryell and Sample.....	328
crassimarginata Croneis and Thurman, n. sp.....	328, 330
Telescopic alidade and plane table as used in topographic and geologic surveys.....	1
Tetragonoptera Moore.....	246
Tetragonopterum formosum (Worthen), new comb.....	246
Tetranobases Moore.....	202
Tetranobasis nobilissima (Hall), new comb.....	202
Thurman, Franklin A., and Croneis, Carey, New ostracodes from Kincaid formation.....	297
Topographic surveys, Telescopic alidade and plane table as used in topographic and geologic surveys.....	1
Trapezoptera Moore.....	246
Trapezopterum scalare (Meek and Worthen), new comb.....	246
Trianobases Moore.....	203
Trianobasis bridwelli Moore.....	203, 250
Triarthroptera Moore.....	247
Trixobases Moore.....	210
Trixobasis banioni Moore.....	210, 250
Verrucosella Croneis and Gale, n. gen.....	275
golcondensis Croneis and Gale, n. sp.....	275, 296
Washburn, Bradford, and Mather, Kirtley F., Telescopic alidade and plane table as used in topographic and geologic surveys.....	1
Workmanella Croneis and Gale, n. gen.....	276
distincta Croneis and Gale, n. sp.....	277, 296
Wright, F. J., Changing geographic landscape.....	159
Yearick, C. G. L., Crime detection.....	159